



Obsidian Black Brilliant White

SHINE YOUR WAY TO VICTORY



Exquisite Heatsink Design



Splendid RGB Lighting



On-DIMM PMIC



ODECC Technology



Intel & AMD OC Support



reddot winner 2024



DESIGN AWARD 2024

FEATURES

- Distinctive tone-on-tone color design with elegant side lighting effect
- Full range of RGB light support for numerous lighting combination
- Supports ASUS Aura Sync/ Gigabyte RGB Fusion/ MSI Mystic Light/ ASRock Polychrome Sync software synchronization & management
- Built-in PMIC & On-die ECC for better power management & stability
- Programmed with Intel XMP 3.0 and AMD EXPO profiles, tested OC speed can be reached by BIOS adjustments, depending on motherboard and CPU capability and compatibility
- Rigorous test procedure to ensure highest quality and reliability
- Reduced voltage & low power consumption
- QVL approved and compatible with mainstream motherboards

*To attain the specified memory speed with XMP 3.0 or EXPO profile, please make sure the specifications of your CPU and motherboard support corresponding speed in advance.

SPECIFICATIONS

Form Factor	288 Pin DDR5 Unbuffered DIMM								
Color	Obsidian Black, Brilliant White								
Tested Speed*	6000MT/s	6000MT/s	6400MT/s	6400MT/s	7200MT/s	7600MT/s	8000MT/s	8200MT/s	8400MT/s
Tested Timing*	26-36-36-76 28-36-36-76	30-36-36-76	30-38-38-78	32-38-38-78	34-44-44-84	36-46-46-86	38-48-48-128	38-49-49-131	40-52-52-134
Capacity	16GBx2, 24GBx2, 32GBx2			16GBx2, 24GBx2			24GBx2		
Tested Voltage*	1.4V	1.35V	1.4V	1.35V	1.4V	1.4V	1.45V	1.45V	1.45V
SPD Speed	4800MT/s								
SPD Timing	40-40-40-77								
SPD Voltage	1.1V								
Profile Support	Intel XMP 3.0, AMD EXPO								
Dimension	133.3(L) x 44(W) x 8(H) mm								
Warranty	Limited Lifetime Warranty								

*Note:
 1. To reach the tested overclocking speed, enabling the Intel XMP or AMD EXPO profile in BIOS setting is required.
 2. Achievable speed may vary depending on motherboard and CPU compatibility/ capability.
 3. Memory will run at default SPD speed until XMP/EXPO is enabled.
 4. Improper use beyond the specifications or guidelines may cause reduced performance, instability, or potential damage to the system or its component.





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ORDERING INFORMATION

Obsidian Black			
Tested Speed	Capacity	Product Number	EAN Code
6000MT/s	32GB(16GBx2)	KD5AGUA80-60B260G	4895194969136
	32GB(16GBx2)	KD5AGUA80-60B280G	4895194968931
	32GB(16GBx2)	KD5AGU880-60B280G *	4895194968948
	32GB(16GBx2)	KD5AGUA80-60A300G	4895194967224
	32GB(16GBx2)	KD5AGU880-60A300G *	4895194967804
	48GB(24GBx2)	KD5KGUD80-60B280G	4895194969242
	48GB(24GBx2)	KD5KGUD80-60A300G	4895194967545
	64GB(32GBx2)	KD5BGUA80-60A300G	4895194967682
6400MT/s	32GB(16GBx2)	KD5AGUA80-64B300G	4895194968955
	32GB(16GBx2)	KD5AGU880-64B300G *	4895194968962
	32GB(16GBx2)	KD5AGUA80-64A320G	4895194967231
	32GB(16GBx2)	KD5AGU880-64A320G *	4895194967811
	48GB(24GBx2)	KD5KGUD80-64A320G	4895194967552
	64GB(32GBx2)	KD5BGUA80-64A320G	4895194967699
7200MT/s	32GB(16GBx2)	KD5AGUA80-72B340G	4895194967248
	48GB(24GBx2)	KD5KGUD80-72B340G	4895194967569
7600MT/s	32GB(16GBx2)	KD5AGUA80-76B360G	4895194967255
	48GB(24GBx2)	KD5KGUD80-76B360G	4895194967576
8000MT/s	32GB(16GBx2)	KD5AGUA80-80D380G	4895194967859
	48GB(24GBx2)	KD5KGUD80-80D380G	4895194967583
8200MT/s	48GB(24GBx2)	KD5KGUD80-82D380G	4895194968047
8400MT/s	48GB(24GBx2)	KD5KGUD80-84D400G	4895194968016

Brilliant White			
Tested Speed	Capacity	Product Number	EAN Code
6000MT/s	32GB(16GBx2)	KD5AGUA80-60B260J	4895194969143
	32GB(16GBx2)	KD5AGUA80-60B280J	4895194968979
	32GB(16GBx2)	KD5AGU880-60B280J *	4895194968986
	32GB(16GBx2)	KD5AGUA80-60A300J	4895194967866
	32GB(16GBx2)	KD5AGU880-60A300J *	4895194968023
	48GB(24GBx2)	KD5KGUD80-60B280J	4895194969235
	48GB(24GBx2)	KD5KGUD80-60A300J	4895194967910
	64GB(32GBx2)	KD5BGUA80-60A300J	4895194967965
6400MT/s	32GB(16GBx2)	KD5AGUA80-64B300J	4895194968993
	32GB(16GBx2)	KD5AGU880-64B300J *	4895194969006
	32GB(16GBx2)	KD5AGUA80-64A320J	4895194967873
	32GB(16GBx2)	KD5AGU880-64A320J *	4895194968030
	48GB(24GBx2)	KD5KGUD80-64A320J	4895194967927
	64GB(32GBx2)	KD5BGUA80-64A320J	4895194967972
7200MT/s	32GB(16GBx2)	KD5AGUA80-72B340J	4895194967880
	48GB(24GBx2)	KD5KGUD80-72B340J	4895194967934
7600MT/s	32GB(16GBx2)	KD5AGUA80-76B360J	4895194967897
	48GB(24GBx2)	KD5KGUD80-76B360J	4895194967941
8000MT/s	32GB(16GBx2)	KD5AGUA80-80D380J	4895194967903
	48GB(24GBx2)	KD5KGUD80-80D380J	4895194967958
8200MT/s	48GB(24GBx2)	KD5KGUD80-82D380J	4895194968054
8400MT/s	48GB(24GBx2)	KD5KGUD80-84D400J	4895194967996

*Optimized for AMD. Compatible with the latest Ryzen 9000 series and earlier models, as well as Intel 14th Gen and earlier CPUs.

*Compatible hardware environment required

